

Docket No. 50325-0598 (Seq.No. 4395)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Mahesh S. Maddury, et al.

Serial No.: 10/040,050

Filed: October 25, 2001

For: METHOD AND APPARATUS FOR
CALCULATING A MULTIPLICATIVE
INVERSE OF AN ELEMENT OF A PRIME
FIELD

: Confirmation No.: 1826

: Group Art Unit: 2134

: Examiner: William S. Powers

REPLY TO OFFICE ACTION

Hon. Commissioner for Patents
Mail Stop AMENDMENT
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

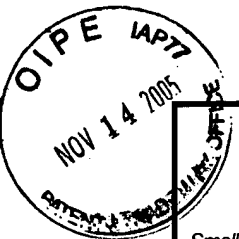
This is in response to the Office Action mailed **August 10, 2005**, the shortened statutory period for which runs until **November 10, 2005**.

INTRODUCTORY COMMENTS

Specification Amendments, Drawing Amendments, Claim Amendments, and Remarks
are presented on separate sheets as indicated below:

- Amendments to the Specification begin at page 2.
- Amendments to the Claims begin at page 3.
- Amendments to the Drawings begin at page 9.
- Remarks begin at page 10.
- An Appendix including amended drawing figures is attached after page 24.

The Applicant respectfully requests reconsideration of the application in light of the remarks after entry of the amendments.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2005		Complete if Known																																																																																																																																													
<i>Patent fees are subject to annual revision, Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 AND 1.28</i>		Application Number	10/040,050																																																																																																																																												
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		First Named Inventor	MAHESH S. MADDURY																																																																																																																																												
		Examiner Name	WILLIAM S. POWERS																																																																																																																																												
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<p>1. <input checked="" type="checkbox"/> Throughout the pendency of this application, please charge any additional fees, including any required extension of time fees, and credit all overpayments to deposit account 50-1302. A duplicate of this sheet is enclosed.</p> <p>Deposit Account Number: 50-1302</p> <p>Deposit Account Name: Hickman Palermo Truong & Becker, LLP</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p> <p>3. <input type="checkbox"/> Applicant(s) is entitled to small entity status. See 37 CFR 1.27.</p>		<table border="1" style="width:100%; border-collapse: collapse;"><thead><tr><th>Large Entity Fee Code</th><th>Small Entity Fee Code</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr><tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr><tr><td>1251</td><td>120</td><td>2251</td><td>60</td><td>Extension for reply within first month</td><td></td></tr><tr><td>1252</td><td>450</td><td>2252</td><td>225</td><td>Extension for reply within second month</td><td></td></tr><tr><td>1253</td><td>1,020</td><td>2253</td><td>510</td><td>Extension for reply within third month</td><td></td></tr><tr><td>1254</td><td>1,590</td><td>2254</td><td>795</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>1255</td><td>2,160</td><td>2255</td><td>1,080</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>1401</td><td>500</td><td>2401</td><td>250</td><td>Notice of Appeal</td><td></td></tr><tr><td>1402</td><td>500</td><td>2402</td><td>250</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>1452</td><td>500</td><td>2452</td><td>250</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>1453</td><td>1,500</td><td>2453</td><td>750</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>1501</td><td>1,400</td><td>2501</td><td>700</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>1502</td><td>800</td><td>2502</td><td>400</td><td>Design issue fee</td><td></td></tr><tr><td>1504</td><td>300</td><td>2504</td><td>300</td><td>Publication Fee</td><td></td></tr><tr><td>1462</td><td>400</td><td>1462</td><td>400</td><td>Petitions Director not specifically provided for Group I</td><td></td></tr><tr><td>1463</td><td>200</td><td>1463</td><td>200</td><td>Petitions Director not specifically provided for Group II</td><td></td></tr><tr><td>1464</td><td>130</td><td>1464</td><td>130</td><td>Petitions Director not specifically provided for Group III</td><td></td></tr><tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of information Disclosure Stmt</td><td></td></tr><tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>1809</td><td>790</td><td>2809</td><td>395</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr><tr><td>1810</td><td>790</td><td>2810</td><td>395</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr><tr><td colspan="4">Other fee (specify) _____</td><td></td></tr><tr><td colspan="4">Other fee (specify) _____</td><td></td></tr></tbody></table>		Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid	1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.		1251	120	2251	60	Extension for reply within first month		1252	450	2252	225	Extension for reply within second month		1253	1,020	2253	510	Extension for reply within third month		1254	1,590	2254	795	Extension for reply within fourth month		1255	2,160	2255	1,080	Extension for reply within fifth month		1401	500	2401	250	Notice of Appeal		1402	500	2402	250	Filing a brief in support of an appeal		1452	500	2452	250	Petition to revive - unavoidable		1453	1,500	2453	750	Petition to revive - unintentional		1501	1,400	2501	700	Utility issue fee (or reissue)		1502	800	2502	400	Design issue fee		1504	300	2504	300	Publication Fee		1462	400	1462	400	Petitions Director not specifically provided for Group I		1463	200	1463	200	Petitions Director not specifically provided for Group II		1464	130	1464	130	Petitions Director not specifically provided for Group III		1806	180	1806	180	Submission of information Disclosure Stmt		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))		1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))		Other fee (specify) _____					Other fee (specify) _____				
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